

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	307	(726/12).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/11 11:31
L2	270	(726/15).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/11 11:31
L3	1505	(370/351).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/11 11:31
L4	0	Patrice-Savini.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 11:32
L5	2	Savini-Patrice.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 11:33
L6	0	((start\$4 VPN tunnel) and (partner web page portal machine) and (LDAP or Lightweight Directory Protocol) and (rout\$4 engagement box) and (server and operating system) and (second LDAP or second Lightweight Directory Protocol) and (server farm) and (batch or interactive jobs) and (common resource segment) and (display) and (remote display)).clm.	US-PGPUB; USPAT	ADJ	ON	2007/06/11 11:38
L7	3	1 and (VPN tunnel)	US-PGPUB; USPAT	ADJ	OFF	2007/06/11 11:42
L8	3	1 and (VPN tunnel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/06/11 11:39
L9	3	8 and (encrypt\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/06/11 11:39

EAST Search History

L10	0	9 and (LDAP or Lighweight Directory Access Protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 11:40
L11	21	1 and (LDAP or Lighweight Directory Access Protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 11:40
L12	15	11 and (encrypt\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 11:41
L13	8	12 and (VPN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 11:41
L14	0	13 AND (Server farm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 11:42
L15	0	13 and (remote display\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 11:42
L16	574	VPN tunnel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/06/11 11:42

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L17	422	16 and encrypt\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/06/11 11:43
L18	67	17 and (LDAP or Lightweight Directory Access Protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 11:43
L19	2	18 and (sever farm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 11:44
L20	2	18 and (second LDAP or second Lightweight Directory Access Protocol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 12:17
L21	0	(common resource) and (multiple layers) and (engagment box)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 12:18
L22	0	(common resource) and (security) and (engagment box)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 12:19
L23	0	(common resource computing zone) and (security) and (engagment box)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/11 12:20

EAST Search History

S1	185	("20040230841" "20040221179" "6345378" "20010044768" "20010047276" "7107567" "20060117247" "20020107761" "6393569" "6253193" "6363488" "6389402" "6427140" "5491750" "6963849" "20030225586" "20030225603" "20020013759" "20040093397" "5724508" "6195091" "20040215566" "20050209869" "20030120584" "6012033" "20020077939" "6240463" "20050071659" "20050071792" "5581852" "20020099580" "20030097286" "6934690" "20020052862" "6931644" "6449597" "6134593" "6161139" "6182142" "5608736" "5726999" "20060218628" "7051071" "7051072" "20010039570" "20020010741" "20020019797" "20020156693" "20020161688" "20040236639" "6287765" "6898577" "20050222963" "4976273" "5623946" "6442432" "6363365" "20040135805" "5907494" "6389379" "5883956" "5794234" "5754763" "20040224771" "20020174010" "20050114703" "6440699" "6444419" "6465629" "6292830" "6458533" "20030233580" "5682468" "5910804" "6198487" "6009525" "20060041670" "5644498" "6697982" "20020199110" "6327594" "20040128551" "5519573" "6171048" "20050096935" "20060026006" "6269473" "4830199" "5465018" "5642012" "5729253" "5991803" "6025737" "6047387" "6118302" "6141016" "6147511" "6175952" "6219065" "6219065").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 09:34
S2	215	(726/15).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 09:34

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S3	13	S2 and LDAP	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/11 11:30
S4	3	"907094".ap.	USPAT	OR	OFF	2006/10/12 09:45
S5	1	"6557037".pn.	USPAT	OR	OFF	2006/10/12 10:12
S6	0	"6557037".pn. and LDAP	USPAT	OR	OFF	2006/10/12 10:12
S7	4	("6308213" "6512754" "6694437" "6754831").PN. OR ("7117526").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 11:10
S8	27	("20020007407" "20030046397" "20030055990" "20030200321" "20040213386" "5751967" "5764639" "5809251" "6002681" "6012100" "6029196" "6055575" "6226751" "6286038" "6301339" "6324182" "6470453" "6496858" "6519651" "6557037" "6662221" "6671729" "6687745" "6701437" "6715075" "6748343" "6757729").PN. OR ("6920502"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 13:22
S9	54	(vpn TUNNEL) AND (LDAP) and firewall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/12 11:59
S10	27	("20020007407" "20030046397" "20030055990" "20030200321" "20040213386" "5751967" "5764639" "5809251" "6002681" "6012100" "6029196" "6055575" "6226751" "6286038" "6301339" "6324182" "6470453" "6496858" "6519651" "6557037" "6662221" "6671729" "6687745" "6701437" "6715075" "6748343" "6757729").PN. OR ("6920502"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 12:53

EAST Search History

S11	187	vpn and collabor\$4 and LDAP	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 13:30
S12	2	"6453348".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 16:35
S13	2	"20020144144".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 16:54
S14	2	"20020178361".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 16:54
S15	3	"615263".ap.	US-PGPUB; USPAT	OR	OFF	2007/04/11 16:16
S16	265	(726/15).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 15:24
S17	714	(vpn TUNNEL) AND (LDAP) and firewall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 15:24

- Interference Search

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	0	((start\$4 VPN tunnel) and (partner web page portal machine) and (LDAP or Lightweight Directory Protocol) and (rout\$4 engagement box) and (server and operating system) and (second LDAP or second Lightweight Directory Protocol) and (server farm) and (batch or interactive jobs) and (common resource segment) and (display) and (remote display)). clm.	US-PGPUB; USPAT	ADJ	ON	2007/06/11 11:37



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- 1 [Exploiting perception in high-fidelity virtual environments: Exploiting perception in high-fid](#)
Additional presentations from the 24th course are available on the citation page

 Mashhuda Glencross, Alan G. Chalmers, Ming C. Lin, Miguel A. Otaduy, Diego Gutierrez
 July 2006

ACM SIGGRAPH 2006 Courses SIGGRAPH '06

Publisher: ACM Press

Full text available:  [pdf\(5.07 MB\)](#)  [mov\(68:6 MIN\)](#)

The objective of this course is to provide an introduction to the issues that must be considered rendering. We aim to show how human perception is exploited to achieve realism in high fidel

Keywords: collaborative environments, haptics, high-fidelity rendering, human-computer inte

- 2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren
 November 1997

Proceedings of the 1997 conference of the Centre for Ad

Publisher: IBM Press

Full text available:  [pdf\(4.21 MB\)](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on p diagrams are often very complex and do not provide the user with the desired overview of the

- 3 [Level II technical support in a distributed computing environment](#)

 Tim Leehane
 September 1996 **Proceedings of the 24th annual ACM SIGUCCS conference on User service**

Publisher: ACM Press

Full text available:  [pdf\(5.73 MB\)](#)

Additional Information: [full citation](#), [references](#), [index t](#)

- 4 [Charles W. Bachman interview: September 25-26, 2004; Tucson, Arizona](#)

 Thomas Haigh
 January 2006 **ACM Oral History interviews**

Publisher: ACM Press

Full text available:  [pdf\(761.66 KB\)](#)

Charles W. Bachman reviews his career. Born during 1924 in Kansas, Bachman attended high school and earned a B.Sc. in Mechanical Engineering in 1948, followed immediately by an M.Sc. in the same field.

5 iMobile EE: an enterprise mobile service platform

Yih-Farn Chen, Huale Huang, Rittwik Jana, Trevor Jim, Matti Hiltunen, Sam John, Serban Jora, Raoul Leveque, and Michael P. O'Farrell
Wireless Networks, Volume 9 Issue 4, July 2003

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(2.90 MB\)](#)

iMobile¹ is an enterprise mobile service platform that allows resource-limited mobile devices to access and transcode information based on device profiles. iMobile Enterprise Edition (iMobile EE) is a Java-based application server that provides a standard interface for mobile devices to access enterprise systems.

Keywords: content transcoding, middleware, mobile devices, mobile enterprise, mobile multiplatform systems

6 The state of the art in locally distributed Web-server systems

Valeria Cardellini, Emiliano Casalicchio, Michele Colajanni, Philip S. Yu

ACM Computing Surveys (CSUR), Volume 34 Issue 2, June 2002

Publisher: ACM Press

Full text available:  [pdf\(1.41 MB\)](#)

The overall increase in traffic on the World Wide Web is augmenting user-perceived response times and causing rapid and dramatic changes in the number of clients. The need to improve the performance of Web servers has led to the development of many new technologies and approaches.

Keywords: Client/server, World Wide Web, cluster-based architectures, dispatching algorithms, distributed systems

7 Link and channel measurement: A simple mechanism for capturing and replaying wireless channel traces

Glenn Judd, Peter Steenkiste

August 2005

Proceeding of the 2005 ACM SIGCOMM workshop on Experimental wireless network measurement

Publisher: ACM Press

Full text available:  [pdf\(6.06 MB\)](#)

Physical layer wireless network emulation has the potential to be a powerful experimental tool for capturing and replaying wireless channel traces. A key advantage of this approach is the simplicity and ubiquity with which it can be applied.

Keywords: channel capture, emulation, wireless

8 A taxonomy of Data Grids for distributed data sharing, management, and processing

Srikumar Venugopal, Rajkumar Buyya, Kotagiri Ramamohanarao

June 2006

ACM Computing Surveys (CSUR), Volume 38 Issue 1

Publisher: ACM Press

Full text available:  [pdf\(1.70 MB\)](#)

Data Grids have been adopted as the next generation platform by many scientific communities and organizations for distributed data sharing, management, and processing. In this article, we discuss the key concepts behind Data Grids and compare them with other distributed systems.

Keywords: Grid computing, data-intensive applications, replica management, virtual organizations

9 GPGPU: general purpose computation on graphics hardware

David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, Ian Buck, Cliff Woolley, and Mike Houston

ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04

Publisher: ACM Press

Full text available: [pdf\(63.03 MB\)](#)

The graphics processor (GPU) on today's commodity video cards has evolved into an extremely fast operations up to full IEEE floating point precision. High level languages have emerged for graphics programming.

10 Technical papers: Grid networks and portals--Evaluating grid portal security

David Del Vecchio, Victor Hazlewood, Marty Humphrey

November 2006

Proceedings of the 2006 ACM/IEEE conference on Super Computing

Publisher: ACM Press

Full text available: [pdf\(156.69 KB\)](#) [html\(2.21 KB\)](#)

Grid portals are an increasingly popular mechanism for creating customizable, Web-based interfaces to distributed systems. A portal is running inside of a trusted perimeter, such as a Science Gateway running on an SDSC cluster.

11 Visualizing geospatial data

Theresa Marie Rhyne, Alan MacEachren, Theresa-Marie Rhyne

August 2004

ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04

Publisher: ACM Press

Full text available: [pdf\(14.01 MB\)](#)

This course reviews concepts and highlights new directions in GeoVisualization. We review four main types of visualization:• Systematic: analysis of spatial data• Operational: consistency of geospatial data• Functional: transparent communication

12 Computing curricula 2001

September 2001 **Journal on Educational Resources in Computing (JERIC)**

Publisher: ACM Press

Full text available: [pdf\(613.63 KB\)](#) [html\(2.78 KB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#)

13 AAA, security and privacy: UniWireless: a distributed open access network

Danilo Severina, Mauro Brunato, Alessandro Ordine, Luca Veltre

September 2006

Proceedings of the 4th international workshop on Wireless and Mobile Security (WIMES 2006)

Publisher: ACM Press

Full text available: [pdf\(272.06 KB\)](#)

In this paper we describe the UniWireless framework, a nationwide distributed Open Access testbed for wireless networks. The UniWireless framework is its compatibility with different authentication mechanisms; while most of the existing frameworks support IEEE 802.11 authentication, UniWireless supports IEEE 802.11, IEEE 802.15, IEEE 802.16, and IEEE 802.19.

Keywords: access gateways, authentication, authorization, open access networks, wireless networks, security

14 Level set and PDE methods for computer graphics

David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, Ross Whitaker

August 2004

ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04

Publisher: ACM Press

Full text available: [pdf\(17.07 MB\)](#)

Level set methods, an important class of partial differential equation (PDE) methods, define dynamic surfaces in space. These methods have found many applications in computer graphics, geometric modeling and computer vision. This will include the structure from motion problem.

15 Secure authentication system for public WLAN roaming

Ana Sanz Merino, Yasuhiko Matsunaga, Manish Shah, Takashi Suzuki, Randy H. Katz

June 2005

Mobile Networks and Applications, Volume 10 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  pdf(2.43 MB)

A serious challenge for seamless roaming between independent wireless LANs (WLANs) is how We have designed and implemented a comprehensive single sign-on (SSO) authentication arcl

Keywords: authentication, link layer security, policy control, roaming, wireless LAN

16 Pen computing: a technology overview and a vision

 André Meyer
July 1995

ACM SIGCHI Bulletin, Volume 27 Issue 3

Publisher: ACM Press

Full text available:  pdf(5.14 MB)

This work gives an overview of a new technology that is attracting growing interest in public a paper interface metaphor. From this follows a set of consequences that will be analyzed and pi

17 Operating systems security: Attestation-based policy enforcement for remote access

 Reiner Sailer, Trent Jaeger, Xiaolan Zhang, Leendert van Doorn
October 2004

Proceedings of the 11th ACM conference on Computer and Communications Security

Publisher: ACM Press

Full text available:  pdf(261.52 KB)

Intranet access has become an essential function for corporate users. At the same time, corpo so it is possible that an attacker may have compromised a client process and is now download

Keywords: remote access, security management, trusted computing

18 The Diesel Combustion Collaboratory: combustion researchers collaborating over the Internet

 Carmen M. Pancerella, Larry A. Rahn, Christine L. Yang
January 1999 **Proceedings of the 1999 ACM/IEEE conference on Supercomputing (CDROM)**

Publisher: ACM Press

Full text available:  pdf(8.95 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index term](#)

19 Migration: Optimizing the migration of virtual computers

 Constantine P. Sapuntzakis, Ramesh Chandra, Ben Pfaff, Jim Chow, Monica S. Lam, Mendel Rosenblum
December 2002 **ACM SIGOPS Operating Systems Review**, Volume 36 Issue SI

Publisher: ACM Press

Full text available:  pdf(1.68 MB)

This paper shows how to quickly move the state of a running computer across a network, incl processes. We have chosen to move x86 computer states because x86 computers are common

20 Mindstorms: children, computers, and powerful ideas

Seymour Papert
January 1980

Book

Publisher: Basic Books, Inc.

Full text available:  pdf(12.45 MB)

The Gears of My Childhood

Before I was two years old I had developed an intense involvement with automobiles. The nan many years later before I understood how gears work; but once I did, playing with gears beca